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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/607,627

06/27/2003

Pavel Kouznetsov

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EXAMINER

HOFFMAN, BRANDON S

ART UNIT

PAPER NUMBER

2136

MAIL DATE

DELIVERY MODE

06/20/2007

PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary

Application No.

10/607,627

Applicant(s)

KOUZNETSOV ET AL.

Examiner

Brandon S. Hoffman

Art Unit

2136

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 09 April 2007.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-30 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-30 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- ☒ Notice of References Cited (PTO-892)
- ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- ☐ Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date _____.
- ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.
- ☐ Notice of Informal Patent Application
- ☐ Other: _____.

DETAILED ACTION

1. Claims 1-30 are pending in this office action.
2. Applicant's arguments, filed April 9, 2007, have been fully considered and are persuasive. However, a new ground of rejection has been made.

Claim Rejections

3. The text of those sections of Title 35, U.S. Code not included in this action can be found in a prior Office action.

Claim Rejections - 35 USC § 102

4. Claims 1, 2, 5, 6, 7, 11, 16, 17, 20-22, 26, 29, and 30 are rejected under 35 U.S.C. 102(e) as being anticipated by Ranzini et al. (U.S. Patent No. 7,120,606).

Regarding claims 1 and 16, Ranzini et al. teaches a rights-managed document/computer-readable medium having protected content from an author thereof, whereby a recipient of the document can render the protected content with a corresponding license if the recipient satisfies terms set forth in the license, the document comprising:

- A storage portion having a message that the document is rights management protected (col. 9, lines 22-30 and 57-60); and

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- A custom data portion having a section including the protected content, wherein the recipient if enabled can render the protected content in the custom data portion and if not enabled can only review the storage portion having the message (col. 9, line 57 through col. 10, line 7).

Regarding claims 2 and 17, Ranzini et al. teaches wherein the custom data portion further has a section including rights data relating to the protected content, the rights data setting forth each entity that has rights with respect to the protected content, and for each such entity a description of such rights (col. 6, lines 55-67).

Regarding claims 5, 14, 20, and 29 Ranzini et al. teaches wherein the protected content in the custom data portion comprises multiple alternative forms of a body of the document, whereby the recipient can select from among the alternative forms when rendering the protected content (col. 10, lines 8-67).

Regarding claims 6, 15, 21, and 30, Ranzini et al. teaches wherein the protected content is compressed to reduce an overall size thereof (col. 5, lines 25-34).

Regarding claims 7 and 22, Ranzini et al. teaches comprising a word processing document (col. 4, lines 34-57).

Regarding claims 11 and 26, Ranzini et al. teaches a method/computer-readable medium for an enabled recipient to handle a received rights-managed document with protected content from an author, the method comprising:

- Receiving the document **comprising a storage portion having a message that the document is rights management protected and a custom data portion having a section including the protected content** (fig. 6, ref. num 685 and col. 9, lines 22-30 and 57-60);
- Recognizing **based on the storage portion** that the document has the protected content in the custom data portion thereof (fig. 6, ref. num 690); and
- Examining the custom data portion of the document and proceeding based thereon to render the protected content in the custom data portion (col. 9, line 57 through col. 10, line 7).

Claim Rejections - 35 USC § 103

5. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

6. Claims 3, 4, 8, 9, 10, 12, 13, 18, 19, 23-25, 27, and 28 are rejected under 35 U.S.C. 103(a) as being unpatentable over Ranzini et al. (USPN '606) in view of Peinado et al. (U.S. Patent No. 7,103,574).

Regarding claims 3 and 18, Ranzini et al. teaches all the limitations of claims 1 & 2 and 16 & 17, respectively, above. However, Ranzini et al. does not teach wherein the protected content in the custom data portion is encrypted according to a cryptographic key, and the rights data includes a decryption key (KD) for decrypting the encrypted content.

Peinado et al. teaches wherein the protected content in the custom data portion is encrypted according to a cryptographic key, and the rights data includes a decryption key (KD) for decrypting the encrypted content (col. 6, lines 48-52 and col. 7, lines 4-10).

It would have been obvious to one of ordinary skill in the art, at the time the invention was made, to combine encrypting the custom data portion, as taught by Peinado et al., with the document/medium of Ranzini et al. It would have been obvious for such modifications because encryption of the data protects it against illegal viewing.

Regarding claims 4 and 19, Ranzini et al. as modified by Peinado et al. teaches wherein the decryption key (KD) is encrypted according to a public key of a rights management (RM) server (PU-RM) operated by or on behalf of an organization of the author to result in (PU-RM(KD)), where only the RM server can access (KD) from (PU-RM(KD)) with a corresponding private key (PR-RM) (see fig. 5B, ref. num 521 and col. 23, lines 29-35 of Peinado et al.).

Regarding claims 8, 13, 23, and 28, Ranzini et al. as modified by Peinado et al. teaches wherein the custom data further has a section including an obtained license (see fig. 4, ref. num 38 of Peinado et al.).

Regarding claims 9 and 24, Ranzini et al. as modified by Peinado et al. teaches wherein the custom data further has a section including a transform specifying each section of custom data that is encrypted and each section of custom data with a license by which a decryption key (KD) may be obtained (see col. 16, lines 39-43 of Peinado et al.).

Regarding claims 10 and 25, Ranzini et al. as modified by Peinado et al. teaches wherein the custom data further has a section including a transform specifying each section of custom data that is compressed and how the section is compressed (see col. 16, lines 39-43 and col. 7, lines 23-24 of Peinado et al.).

Regarding claims 12 and 27, Ranzini et al. teaches all the limitations of claims 11 and 26, respectively, above. However, Ranzini et al. does not teach the following limitations.

Peinado et al. wherein the protected content is encrypted and is decryptable according to a decryption key (KD) (col. 6, lines 48-52 and col. 7, lines 4-10), wherein the custom data portion further has a section including rights data relating to the

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protected content, the rights data including (KD) and setting forth each entity that has rights with respect to the protected content and for each such entity a description of such rights (col. 2, lines 61-64), and wherein rendering the protected content in the custom data portion comprises: retrieving the rights data in the custom data portion of the document (fig. 6, ref. num 601); forwarding the retrieved rights data to a rights management (RM) server, such RM server for determining that the recipient is an entity listed in the rights data and issuing to the recipient a license corresponding to the protected content to the recipient based on the rights data, such license specifying rights the recipient has with respect to the protected content as determined from the rights data and also including (KD) from the rights data encrypted in a manner decryptable by the recipient (fig. 5B, ref. num 529 and fig. 6, ref. num 603); reviewing the issued license to determine that the recipient has a right to render the protected content of the custom data portion of the document (fig. 6, ref. num 607); retrieving (KD) from the license (col. 4, lines 55-57); decrypting the protected content with (KD) (fig. 5B, ref. num 533); and rendering the decrypted content (fig. 5B, ref. num 535).

It would have been obvious to one of ordinary skill in the art, at the time the invention was made, to combine encrypting the custom data portion, as taught by Peinado et al., with the document/medium of Ranzini et al. It would have been obvious for such modifications because encryption of the data protects it against illegal viewing.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Brandon S. Hoffman whose telephone number is 571-272-3863. The examiner can normally be reached on M-F 8:30 - 5:00.


If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Nasser G. Moazzami can be reached on 571-272-4195. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Brandon Hoffman/

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